FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

2817 A Lafayette Avenue Newport Beach, CA 92663 (949) 723-1645 Fax (949) 723-1854 Email: freyinc@freyinc.com

July 23, 2003 420-01

RECEIVED JUL 2 5 2003

Ms. Leona Winner
Hazardous Substances Scientist
Department of Toxic Substance Control
8800 Cal Center Drive
Sacramento, CA 95826

Re: LaBarron Investments

2100 East Orangethorpe Avenue

Fullerton, California

Dear Ms. Winner:

Enclosed please find three copies of our report entitled "Additional Soil Vapor Assessment, La Barron Investments, 2100 East Orangethorpe Avenue, Fullerton, California". The report is dated July 22, 2003.

Please phone us at (949) 723-1645 with any questions.

Sincerely,

FREY Environmental, Inc.

Evan Privett

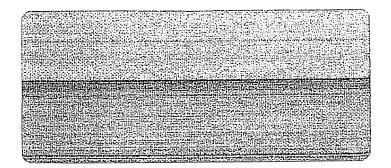
Senior Project Geologist

cc: Eddie Fischer

LaBarron Investments

2020 East Orangethorpe Avenue Fullerton, California 92831





FREY ENVIRONMENTAL

CAPPELL STATE

ADDITIONAL SOIL VAPOR ASSESSMENT LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

Prepared for:

LaBarron Investments 2020 East Orangethorpe Avenue Fullerton, California 92831

Prepared by:

FREY Environmental, Inc. 2817A Lafayette Ave. Newport Beach, California 92663-3715 (949) 723-1645

Project No.: 420-01

July 22, 2003

TABLE OF CONTENTS

| SECTION | TITLE | PAGE |
|---------|---|------|
| 1.0 | INTRODUCTION | 1 |
| 2.0 | BACKGROUND | 1 |
| | 2.1 Former Facility Operations | 1 |
| | 2.2 Chemical / Chemical Waste Storage Areas | 1 |
| | 2.3 Current Site Configuration | 2 |
| | 2.4 Hydrogeologic Setting | 3 |
| | 2.5 Nearest Groundwater Supply Well | 3 |
| | 2.6 Soil and Soil Vapor Assessment | 3 |
| | 2.6.1 Soil Sampling | 4 |
| | 2.6.2 Soil Vapor Sampling | 4 |
| 3.0 | OBJECTIVE | 5 |
| 4.0 | SCOPE OF WORK | 5 |
| 5.0 | CURRENT INVESTIGATION | 5 |
| | 5.1 Soil Vapor Sampling | 5 |
| | 5.1.1 Soil Vapor Probe Locations and Sample Depths | 5 |
| | 5.1.2 Soil Vapor Sample Collection Procedures | 6 |
| | 5.2 Laboratory Analyses | 6 |
| 6.0 | RESULTS OF THE INVESTIGATION | 7 |
| 7.0 | DISCUSSION OF RESULTS | 7 |
| | 7.1 Lateral Extent of VOCs | 7 |
| | 7.1.1 Former Drum Storage Area and Southern Property Line | 7 |
| | 7.1.2 Former Degreasing Pit | 8 |
| | 7.2 Vertical Extent of VOCs | 7 |
| | 7.2.1 Former Drum Storage Area and Southern Property Line | 7 |
| | 7 2.2 Former Degreasing Pit | 8 |
| 8.0 | CONCLUSIONS | 9 |
| | 8.1 Soil Vapor Assessment | 9 |
| | 8.2 Soil Assessment | 9 |
| | 8.3 Groundwater Threat Assessment | 10 |
| | | |

TABLE OF CONTENTS (Continued)

| SECTION | TITLE | PAGE |
|----------------|--|------|
| 9.0 | RECOMMENDATION | 10 |
| 10.0 | LIMITATIONS | 10 |
| | REFERENCES | 12 |
| | | |
| | LIST OF TABLES | |
| 1 2 3 | VOLATILE ORGANIC COMPOUND ANALYSES OF SOIL SAMPLES METALS ANALYSES OF SOIL SAMPLES CHEMICAL ANALYSES FOR SOIL VAPOR SAMPLES | S |
| | LIST OF FIGURES | |
| 1 2 | SITE LOCATION MAP SITE SKETCH SHOWING SOIL BORING AND SOIL VAPOR PROBE LOCATIONS | |
| 3 | SITE SKETCH SHOWING PCE CONCENTRATIONS IN SOIL VAPO AND 10 FEET BGS SITE SKETCH SHOWING 1,1-DCE CONCENTRATIONS IN SOIL VA 5 AND 10 FEET BGS | |
| | LIST OF APPENDICES | |
| A B | FIELD PROCEDURES LABORATORY REPORTS | |

1.0 INTRODUCTION

This report presents the results of additional soil vapor sampling activities conducted at 2100 East Orangethorpe Avenue in Fullerton, California (Site - Figure 1). The activities described below were conducted in general accordance with a RFI Workplan Addendum prepared by FREY Environmental, Inc. (FREY) dated April 25, 2003. The Department of Toxic Substance Control (DTSC) requested minor revisions to the April 25, 2003 workplan addendum in a letter to LaBarron Investments dated May 16, 2003. The revisions were incorporated into the workplan addendum via a letter dated May 19, 2003 prepared by FREY and transmitted to the DTSC.

2.0 BACKGROUND

2.1 FORMER FACILITY OPERATIONS

The facility was constructed in the late 1950's by the Trent Tube Company. The Trent Tube Company manufactured stainless steel tubing until 1984. The manufacturing process required the use of numerous regulated chemicals including oil, kerosene, liquid hydrogen, liquid ammonia, organic solvents, acids and pickle liquor

Trent Tube constructed one building with approximate dimensions of 300 feet from north to south and 130 feet from east to west. The majority of the building housed the manufacturing operations for the Trent Tube Company. Offices, a laboratory and a locker room were located in the northernmost section of the building. A second building used for maintenance activities was located on the eastern portion of the Site. The maintenance building had approximate dimensions of 40 feet by 60 feet (DTSC, 2000).

2.2 CHEMICAL / CHEMICAL WASTE STORAGE AREAS

The DTSC identified five areas of the Site where chemicals and/or chemical waste were either used or stored for extended periods of time. The five areas discussed below are shown on Figure 2.

- 1. Drum Storage Area: Fifty-five gallon capacity, steel drums were formerly located on the south side of the manufacturing building as shown on Figure 2. Soil samples previously collected from this area reportedly contained perchloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), ethylbenzene and xylenes at concentrations of 1.7 parts per million (ppm), 1.5 ppm, 1.7 ppm and 1 7 ppm, respectively (DTSC, 2000).
- 2. Aboveground Waste Oil Tanks: Two, 200 gallon capacity, aboveground, steel tanks were formerly located on concrete and set within a brick berm in the approximate area shown on Figure 2. It was reported that soils were excavated from this area and transported off Site for disposal (DTSC, 2000).

- Aboveground Pickle Liquor Tanks: Two, 2,000 gallon capacity, aboveground tanks were formerly located inside the southeast portion of the manufacturing building. Pickle liquor generally consists of hydrochloric acid which is effective in removing unwanted metallic deposits from steel. It was reported that the spent pickle liquor contained hexavalent chromium and possibly lead (DTSC, 2000).
- 4. Degreasing Pit: It was reported that a 10,000 gallon capacity degreasing pit was located in the central portion of the manufacturing building. The degreasing pit reportedly may have contained 1,1,1-TCA, PCE and/or trichloroethene (TCE) (DTSC, 2000).
- 5. Southern Property Line: It was reported that an approximate 50 foot by 200 foot area located south of the manufacturing building was used for the aeration of soils which reportedly contained organic solvents at concentrations up to 5 ppm. It was reported that aerated soils were placed in the top two feet of soil (DTSC, 2000).

The Department of Health Services issued a certification of closure for the Site in a letter dated April 16, 1985 (DHS, 1985). No further background information was made available to FREY at the time of this document preparation (DTSC, 2000).

2.3 CURRENT SITE CONFIGURATION

The Site comprises approximately 5.2 acres of flat ground on the south side of East Orangethorpe Avenue approximately equidistant between State College Boulevard and Acacia Avenue in Fullerton, California. The Site parcel is rectangular in shape with dimensions of approximately 550 feet from north to south and 415 feet from east to west. The Site elevation is approximately 187 feet above mean sea level (Topo, 1987).

One building is currently located on Site and it is the same building as the larger building originally constructed by the Trent Tube Company. The northern most section of the Site building is currently used as office space while the majority of the building is used for recreational vehicle storage. An addition to the building was constructed on the southwest corner of the original building at an unspecified date. The addition to the building is used for recreational vehicle repair. The entire Site is paved with concrete with the exception of some small planters located along the northern building perimeter and the frontage with East Orangethorpe Avenue.

The Site is bound by a Vista Paint facility on the west, East Orangethorpe Avenue and a BASF facility to the north, a self storage facility on the east and a thin strip (approximately 40 feet) of Vista Paint parcel and Carbon Creek on the south.

FREY

2.4 HYDROGEOLOGIC SETTING

Soils beneath the Site consist of silt and sand from below the concrete to approximately 2 feet below the ground surface (bgs). Fine to coarse grained sand is located below the silt and sand and extends to a depth of approximately 20 feet bgs (Moore & Taber, 1984). Soil lithology beneath 20 feet bgs has not been investigated.

Regionally, the Site is located on the northeastern section of the Orange County Coastal Plain, which is part of the larger Coastal Plain of Los Angeles (OCWD, 1984). The central and northern portions of the Orange County Coastal Plain consist of downfolded strata of Upper Pleistocene and older age strata, that form a broad synclinal trough. The trough includes successively permeable and impermeable strata that reach a depth of up to 20,000 feet near the Anaheim area (OCWD, 1982).

The Upper Pleistocene and older unconsolidated deposits consist predominantly of marine and lagoonal sediments that include interbedded silts and clays with occasional lenses of sand and gravel. These deposits overlie a thick sequence of Late Cretaceous to Quaternary-age semiconsolidated sedimentary rocks and basement units (OCWD, 1984). The Upper Pleistocene and older formations are overlain by recent alluvium, derived from the surrounding hills and the Santa Ana River. Recent alluvial deposits attain a maximum thickness of approximately 300 feet in the Site area, and consist of sands with interbedded gravels, silts and clays (OCWD, 1984).

The Site is located in the Main Santa Ana Pressure Groundwater Sub-basin, within the Lower Santa Ana Watershed (RWQCB, 1984). The Site area is located within a pressure zone where semi-confined to confined water conditions may exist. Groundwater is estimated to flow toward the west-southwest in the Site Vicinity (OCWD, 1984). First groundwater is estimated to be located at approximately 80 feet bgs (DTSC, 2000).

2.5 NEAREST GROUNDWATER SUPPLY WELL

The City of Fullerton operates a groundwater supply well (labeled Kimberly Well #2) south of Kimberly Avenue and east of Acacia Avenue. Kimberly Well #2 is located approximately 1,500 feet to the north-northwest of the Site (Fullerton, 2002).

2.6 SOIL AND SOIL VAPOR ASSESSMENT

On October 22, 2002, FREY drilled and sampled twenty (20) soil borings and advanced and sampled nine (9) soil vapor probes to assess the presence of volatile organic compounds (VOCs) and selected metals in the former chemical and chemical waste storage areas listed in Section 2.2.

2.6.1 Soil Sampling

Soil borings B1 through B4, drilled around the former degreasing pit, and borings B10 through B17, drilled in the former chemical storage area located between the southern building wall and the southern property line, were drilled to final depths of 10 feet bgs.

Soil borings B5 through B9 and B18 through B20 were drilled to final depths of between 1 and 3 feet bgs. Soil borings B5, B6 and B7 were drilled in the location of the former process and hydrochloric acid treatment tanks, borings B8 and B9 were drilled in the former location of two aboveground oil tanks and borings B18, B19 and B20 were drilled for purpose of background soil sample collection.

VOCs were not detected above the laboratory detection limits of 5 micrograms per kilogram (ug/kg) in soil samples collected from borings B1 through B4 or in the background samples collected from borings B18 through B20. Total recoverable petroleum hydrocarbons (TRPH) were either not detected, or were detected in low concentrations (less than 100 mg/kg), in soil samples collected from borings B1 through B4, B8, B9 and B18 through B20.

Concentrations of selected metals were detected but at concentrations well below the Environmental Protection Agency's (EPA) Preliminary Remediation Goal (PRG) for Industrial Soils for each respective metal. Soil sample data has been summarized in Tables 1 and 2.

2.6.2 Soil Vapor Sampling

One soil vapor probe (B1) was installed and sampled adjacent to the former degreasing pit. Soil vapor samples were collected from B1 at depths of 10 and 20 feet bgs. Soil vapor probes SV1 through SV4 and SV5 through SV8 were installed to depths of 5 feet bgs in the former chemical storage area and along the southern property line.

Relatively low concentrations of chlorinated VOCs were detected in soil vapor samples collected as part of this investigation with the exception of SV8. Chlorinated VOCs were not detected in soil vapor sample SV8.

PCE was the chlorinated VOC detected in the greatest concentration (130 ug/L) and detected in the greatest number of soil vapor samples (8 out of 9 soil vapor samples). Concentrations of chlorinated VOCs in general decreased with depth in soil vapor samples collected from B1.

Concentrations of 1,1-DCE decreased from 80 ug/L at 10 feet bgs to 17 ug/L at 20 feet bgs. Concentrations of 1,1,1-TCA decreased from 86 ug/L at 10 feet bgs to 24 ug/L at 20 feet bgs.

Soil vapor sample data has been summarized in Table 3

FREY

3.0 OBJECTIVE

The objective of the work described below was to assess the lateral and vertical extent of VOCs in soil vapor beneath the Site.

4.0 SCOPE OF WORK

The scope of work, designed to provide the information needed to meet the objectives of the investigation, was as follows:

- Implement a site-specific health and safety plan;
- Advance 12 soil vapor probes to depths between 5 and 40 feet bgs;
- Collect soil vapor samples at depths of 5, 10, 20 or 40 feet bgs;
- Analyze selected soil vapor samples for chemical constituents;
- Evaluate data and prepare a report discussing field activities conducted as part of this investigation.

A more detailed description of the field investigation and laboratory testing program is provided in Section 5.0.

5.0 CURRENT INVESTIGATION

FREY marked the proposed soil vapor sampling locations 72 hours prior to drilling activities and obtained an underground service alert number prior to the conduct of any soil vapor sampling activities.

On the morning of June 11, 2003, FREY held a health and safety meeting on Site prior to the conduct of any field activities. The health and safety meeting was attended by members of the DTSC, FREY, the drilling contractor and the mobile laboratory chemist. The DTSC approved health and safety plan was discussed and Site specific concerns were highlighted by FREY during the health and safety meeting.

5.1 SOIL VAPOR SAMPLING

5.1.1 Soil Vapor Probe Locations and Sample Depths

Soil vapor probes SV9 through SV20 were advanced in locations mutually agreed upon by personnel from FREY and the DTSC on June 11, 2003. Soil vapor probe locations are shown on Figure 2. A one-inch diameter hole was drilled through the concrete in each proposed vapor probe location prior to probe advancement operations.

Soil vapor samples were collected at depths of 5-feet bgs from soil vapor probes SV9 through SV13 using the protocol described in Section 5.1.2. Soil vapor probes SV9 through SV13 were advanced in the locations shown to laterally assess concentrations of VOCs previously detected in soil vapor samples SV1 through SV7.

Soil vapor samples were collected at depths of 10, 20 and 40 feet bgs from soil vapor probes SV14 and SV15 using the protocol described in Section 5.1.2. Soil vapor probes SV14 and SV15 were advanced in the locations shown to vertically assess concentrations of VOCs previously detected in soil vapor samples SV1 and SV3, respectively.

Soil vapor samples were collected at a depth of 40 feet bgs from soil vapor probe SV16 using the protocol described in Section 5.1.2. Soil vapor probe SV16 was advanced in the location shown to vertically assess concentrations of VOCs previously detected in soil vapor samples collected from B1.

Soil vapor samples were collected at depths of 10, 20 and 40 feet bgs from soil vapor probes SV17 through SV20 using the protocol described in Section 5.1.2. Soil vapor probes SV17 through SV20 were advanced in the locations shown to laterally and vertically assess concentrations of VOCs previously detected in the soil vapor samples collected from B1.

5.1.2 Soil Vapor Sample Collection Procedures

Soil vapor samples were collected using a Post Run Tubing System which is described in greater detail in the field procedures section in Appendix A. Each soil vapor probe was purged of approximately 3 probe volumes prior to sample collection. The probe volume of 0.005 cubic feet was calculated by multiplying the 2-inch probe hole diameter by the retracted probe height of approximately 3-inches. Soil vapor was purged into a 1-liter tedlar bag until it was approximately one half full which equates to approximately 0.015 cubic feet or 3 probe volumes.

The sample tubing was replaced between the purging of the probe and the sample collection. Soil vapor samples were collected in laboratory supplied 1-liter tedlar bags with a peristaltic pump. Soil vapor samples were labeled with the job number, time of sample collection, date, soil vapor probe number and depth of sample. Soil vapor samples were delivered to the on-Site mobile laboratory immediately after sample collection.

5.2 LABORATORY ANALYSES

Soil vapor samples collected from soil vapor probes SV9 through SV20 were an alyzed for VOCs and fuel oxygenates in accordance with EPA Method No. 8260B. Soil vapor samp 1 es were analyzed in an on-Site mobile laboratory provided by Baseline On-Site Analysis, a licensed hazardous waste testing laboratory based in Huntington Beach, California.

FREY

j

6.0 RESULTS OF THE INVESTIGATION

Soil vapor samples collected from vapor probes SV9 through SV20 contained a maximum of 6 analytes according to EPA Method No. 8260B. The 6 analytes were cis 1,2-dichloroethene (cis 1,2-DCE), TCE, PCE, 1,1-DCE, 1,1-DCA, and 1,1,1-TCA

PCE, 1,1-DCE and 1,1,1-TCA were the VOC analytes detected in the greatest concentrations in soil vapor samples collected from soil vapor probes SV9 through SV20. The greatest concentrations of PCE, 1,1-DCE and 1,1,1-TCA were 69 ug/L (SV14-10), 70 ug/L (SV12-5) and 80 ug/L (SV10-5), respectively. Figures 3 and 4 present site sketches of PCE and 1,1-DCE concentrations at 5 and 10 feet bgs.

Soil vapor sample results have been summarized in Table 3. Laboratory and quality assurance/quality control reports appear in Appendix B.

7.0 DISCUSSION OF RESULTS

Comparison of soil gas concentrations with the maximum contaminant level (MCL) established for each analyte can provide an assessment of the threat to drinking water. MCLs are enforceable standards for drinking water as established by the EPA. Although MCLs are applicable to drinking water, the comparison of soil vapor concentrations to each analytes MCL can be used to evaluate the threat of the present VOCs to groundwater.

7.1 LATERAL EXTENT OF VOCS

The lateral extent of VOCs has been adequately assessed as discussed below. Based on the data presented in Sections 2.6 and 6.0, the former drum storage area, southern property line area and the former degreasing pit are the three areas which contain concentrations of VOCs in soil gas. The former drum storage area and the southern property line area can be discussed as one area which encompasses the area south of the building and north of the southern property line.

7.1.1 Former Drum Storage Area and Southern Property Line

Soil vapor probes SV9, SV10, SV11, SV12 and SV13 were advanced to depths of 5 feet bgs in locations which encircled the former drum storage area and southern property line area. Soil vapor samples were collected at five feet bgs.

Soil vapor samples collected from probes SV9, SV10, SV11, SV12 and SV13 contained relatively low concentrations of cis 1,2-DCE (non-detect to 11 ug/L), TCE (non-detect to 26 ug/L), PCE (32 ug/L to 64 ug/L), 1,1-DCE (19 ug/L to 70 ug/L), 1,1-DCA (non-detect to 11 ug/L) and 1,1,1-TCA (37 ug/L to 80 ug/L).

TCE, PCE and 1,1-DCA have an MCL of 5 ug/L. When detected, concentrations of TCE, PCE and 1,1-DCA slightly exceeded the MCL of 5 ug/L.

The MCL is 6 ug/L for cis 1,2-DCE and 1,1-DCE. Concentrations of cis 1,2-DCE and 1,1-DCE were either not detected or slightly exceeded the MCL of 6 ug/L.

The MCL for 1,1,1-TCA is 200 ug/L. None of the soil vapor samples collected and analyzed as part of the this investigation, or the previous investigation, contained concentrations of 1,1,1-TCA which exceeded the MCL of 200 ug/L.

7.1.2 Former Degreasing Pit

Soil vapor probes SV17, SV18, SV19, and SV20 were advanced to depths of 40 feet bgs in locations which encircled the former degreasing pit

Soil vapor samples collected from soil vapor probes SV17, SV18, SV19 and SV20 contained slightly lower concentrations of cis 1,2-DCE (non-detect to 6.3 ug/L), TCE (non-detect to 13 ug/L), PCE (non-detect to 41 ug/L), 1,1-DCE (non-detect to 66 ug/L), 1,1-DCA (non-detect to 8.3 ug/L) and 1,1,1-TCA (non detect to 69 ug/L) than did soil vapor samples collected from probes SV9, SV10, SV11, SV12 and SV13. VOCs, when detected, slightly exceeded the MCLs for respective analytes.

7.2 VERTICAL EXTENT OF VOCS

7.2.1 Former Drum Storage Area and Southern Property Line

Soil vapor samples were collected from depths of 10, 20 and 30 feet bgs from vapor probes SV14 and SV15. The greatest concentrations of VOCs were detected in the soil vapor samples collected from 10 feet bgs. Concentrations of VOCs decreased significantly from the soil gas samples collected from 10 feet bgs to 30 feet bgs. The soil vapor sample collected from 30 feet bgs from SV15 did not contain VOCs. The soil vapor sample collected at 30 feet bgs from SV14 contained only PCE, 1,1-DCE and 1,1,1-TCA at concentrations of 6.8 ug/L, 5.4 ug/L and 7.8 ug/L, respectively.

7.2.2 Former Degreasing Pit

Soil vapor probe SV16 was advanced in the same location as previously sampled soil vapor probe B1. Soil vapor samples were collected from probe B1 from depths of 10 and 20 feet bgs and from a depth of 40 feet bgs from SV16. Soil vapor samples were collected from depths of 10, 20 and 40 feet bgs from soil vapor probes SV17, SV18, SV19 and SV20.

Concentrations of VOCs were greatest in the soil vapor samples collected from depths of 10 feet bgs and decreased dramatically with depth. Soil vapor samples collected from 40 feet bgs from probes SV16, SV17, SV18, SV19 and SV20 did not contain detectable concentrations of VOCs.

8.0 CONCLUSIONS

The following conclusions have been drawn based on data collected during this investigation and previous investigations:

8.1 SOIL VAPOR ASSESSMENT

• The vertical extent of VOCs in soil vapor has been adequately assessed based upon data collected during the two subsurface investigations. VOCs in soil vapor extend to maximum depths of 30 feet bgs. Soil vapor samples collected from 40 feet bgs did not contain concentrations of VOCs. The depth to groundwater is approximately 80 feet bgs resulting in a minimum 40 foot 'clean zone' between VOCs present in soil vapor beneath the Site and first encountered groundwater.

PCE was the VOC analyte in soil vapor detected in the greatest concentrations (130 ug/L in SV2 and 96 ug/L in SV3). Soil vapor probes SV14 and SV15, advanced adjacent to SV2 and SV3, were sampled at depths of 10, 20 and 30 feet bgs. Concentrations of VOCs, where detected, were slightly above the detection limits in the 30 foot vapor sample collected from SV14. Concentrations decreased to non-detect levels in the 30 foot vapor sample collected from SV15.

• The lateral extent of VOCs in soil vapor has been adequately assessed based upon data collected during the two subsurface investigations. PCE was detected in the greatest concentration (130 ug/L in SV2-5 and 96 ug/L in SV3-5). As shown on Figure 3, PCE concentrations decrease to 43 ug/L (SV9) to the west, 32 ug/L (SV13) to the south, 48 ug/L (SV12) to the east, and 36 ug/L (SV20) to the north of SV2-5 and SV3-5.

8.2 SOIL ASSESSMENT

- VOCs were not detected above the laboratory detection limits of 5 ug/kg in soil samples collected from borings B1 through B4 or in the background samples collected from B18 through B20.
- Selected metals were detected in soils sampled during the subsurface investigation conducted in October of 2002 but at concentrations below the EPA's PRG for Industrial Soils.

8.3 GROUNDWATER THREAT ASSESSMENT

- The DTSC performed a screening level human health evaluation for the VOCs and metals
 detected during the initial investigation in October of 2002. The DTSC concluded that "The
 results indicate that the risks and hazards posed by the chemicals detected at this former facility
 are, for the most part, below target levels of concern" (DTSC, 2003).
- The nearest groundwater supply well is located 1,500 feet north-northwest of the Site.
 Groundwater is estimated to flow toward the west-southwest which places the Site in the hydrogeologic down-gradient or cross-gradient direction from the nearest groundwater supply well.
- The Site is entirely paved with concrete which minimizes the occurrence of surface water infiltration. Vapor concentrations in the vicinity of the former degreasing pit and concentrations of VOCs detected in soil vapor probes SV1, SV2, SV10, SV11 and SV14 are located inside the Site building virtually eliminating the possibility of surface water infiltration.

9.0 RECOMMENDATION

FREY recommends that no further action be required for this Site. It has been clearly demonstrated that the low concentrations of VOCs where present beneath the Site, do not present a threat to human health or groundwater beneath the Site.

10.0 LIMITATIONS

The judgements described in this report are professional opinions based solely within the limits of the scope of work authorized, and pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for future evaluations of this Site unless an update is conducted by a consultant familiar with environmental assessments.

This report was compiled partially on information supplied to FREY Environmental, Inc. from outside sources, other information that is in the public domain and a visual inspection of the property. FREY Environmental, Inc. makes no warranty as to the accuracy of statements made by others, which may be contained in this report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing similar services.

Site conditions may change with time as the result of natural alterations or man-made changes on this or adjacent properties. Future environmental investigations conducted at the Site may reveal Site conditions not indicated in the data reviewed by FREY Environmental, Inc. Additionally, changes in standards or regulations applicable to the Site may occur. The findings of this report may be partially or wholly invalidated by changes of which FREY Environmental, Inc. is not aware or has not had the opportunity to evaluate.

Environmental assessments provide an additional source on information regarding the environmental conditions of a particular property or facility. The report is a professional opinion and judgement to the Client, dependent upon FREY's knowledge and information obtained during the course of performance of the services.

FREY Environmental,

Joe(Frey

Principal Certified Engineering Geologist Al CEG #1500 Evan Privett

Senior Project Geologist

REFERENCES

- DHS (Department of Health Services), 1985, Certification of Closure letter addressed to Robert M. Phillips, Trent Tube Division dated April 16, 1985.
- DTSC (Department of Toxic Substances), 2000; RCRA Facility Assessment for Trent Tube Division, Crucible Materials Corporation, 2100 East Orangethorpe Avenue, Fullerton, California 92634; dated May 2000.
- ----, 2003; Soil and Soil Vapor Assessment, LaBarron Investments, Fullerton CA; memorandum prepared by Kimiko Klein dated February 10, 2003.
- EPA (Environmental Protection Agency), Preliminary Remediation Goals dated November 1, 2000
- Fullerton, City of, Water Engineering Department, personnel communication on December 2, 2002.
- Moore & Taber, 1984; Foundation Investigation, Commercial Property, 2100 Orangethorpe Avenue, Fullerton, California, dated August 16, 1984.
- OCWD (Orange County Water District), 1982, Talbert Barrier Status Report, July 1979-June 1982, dated November 1982.
- ----, 1984, Groundwater Management, Irvine area, Orange County, California
- RWQCB (Regional Water Quality Control Board Santa Ana Region), 1984, Water Quality Control Plan, Santa Ana River Basin.
- USGS (United States Geological Survey), 1966, 7.5-minute topographic quadrangle of Anaheim, California, photorevised 1988.

TABLES

LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in micrograms per kilogram)

| SAMPLE NUMBER | DEPTH OF SAMPLE | SAMPLE LOCATION | DATE SAMPLED | TRPH | cis 1,2-DCE | TCE | PCE | I,I-DCE | 1,1-DCA | 1,1.1-TCA |
|------------------|--------------------|--|-----------------|-----------|-------------|--------|--------|---------|---------|-----------|
| | | ······································ | | | ·- <u>'</u> | | | , | | |
| B1-2 | 2 | North Side of | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B1-10 | 10 | Degreasing Pit | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B1-20 | 20 | - | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B2-1 | 1 | East Side of | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B2-10 | 10 | Degreesing Pit | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B3-1 | 1 | South Side of | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B3-10 | 10 | Degreasing Pit | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B4-1 | 1 | West Side of | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B4-10 | 10 | Degreasing Pit | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B8-2 | 2 | Forner AboveGround Waste Oil Tank | 10/22/02 | ND<10,000 | NA | NA | NA | NA | NA | NA |
| B9-2 | 2 | Fomer AboveGround Waste Oil Tank | 10/22/02 | 59,000 | NA | NA | NA | NA | NA | NA |
| B18-1 | 3 | Background Sample Northwestern Portion of Site | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |

FREY Environmental, Inc.

LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in micrograms per kilogram)

| SAMPLE NUMBER | DEPTH OF SAMPLE | SAMPLE LOCATION | DATE SAMPLED | TRPH | cis 1,2-DCE | TCE | PCE | 1,1-DCE | i,1-DCA | 1,1,1-TCA |
|------------------|--------------------|--|-----------------|-----------|-------------|--------|--------|---------|---------|-----------|
| B19-1 | 3 | Background Sample Northeastern Portion of Site | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| B20-1 | 3 | Background Sample Souteastern Portion of Site | 10/22/02 | ND<10,000 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |

Notes

- TRPH = Total recoverable petroleum hydrocarbons analyzed in general accordance with EPA Method No. 418.1
- Soil samples analyzed for EPA 8260B full list including fuel oxygenates.
- 3 NA = Not analyzed for listed constituent

TABLE 2 METALS ANALYSES OF SOIL SAMPLES

LABARROÑ ÎNVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in milligrams per kilogram)

| SAMPLE NUMBER | DEPTH OF | SAMPLE LOCATION | DATE SAMPLED | TOTAL CHROMIUM | HEXAVALENT CHROMIUM | TOTAL, LEAD | NICKEL | pН |
|------------------|----------|---|----------------------------------|-------------------|------------------------|----------------|----------------------|----------------|
| B1-2 B1-10 | 2 10 | North Side of Degreasing Pit | 10/22/02 10/22/02 | ND<5.0 ND<5.0 | 0.13 ND<0 100 | 2,23 0.81 | 11.5 2.02 | NA NA |
| B2-1 B2-10 | 1 10 | East Side of Degreasing Pit | 10/22/02 10/22/02 | ND<5.0 ND<5.0 | 0.24 ND<0.100 | 1.12 0.95 | 4.13 3.81 | NA NA |
| B3-1 B3-10 | I 10 | South Side of Degreasing Pit | 10/22/02 10/22/02 | ND<5 0 ND<5 0 | ND<0.100 ND<0.100 | 1.38 0.76 | 4.66 3.02 | AK AK |
| B4-1 B4-10 | 1 10 | West Side of Degreasing Pit | 10/22/02 10/22/02 | ND<5.0 ND<5.0 | ND<0.100 ND<0.100 | 1.05 1.01 | 4.35 3.53 | NA NA |
| B5-1 | 1 | Northwest Portion of Former Process Tanks | 10/22/02 | ND<5.0 | 0.32 | 3 .00 | 12 2 | 8.97 |
| B6-1 | 1 | Southwest Portion of Former Process Tanks | 10/22/02 | ND<5.0 | 0.17 | 2.40 | 9.19 | 8.68 |
| B7-1 | ī | Eastern Portion of Former Process Tanks | 10/22/02 | ND<5.0 | 1.15 | 9.51 | 16.9 | 8.47 |
| B8-2 | 2 | Fomer AboveGround Waste Oil Tank | 10/22/02 | 11.3 | ND<5.0 | 3.21 | 11.6 | NA |
| B9-2 | 2 | Fomer AboveGround Waste Oil Tank | 10/22/02 | 11 0 | ND<5.0 | 4.78 | 10.5 | NA |
| B10-1 B10-5 | 1 5 | Fomer Acid Storage Area | 10/22/02 10/22/02 | 10.4 1.81 | AN AN | 2.61 0.60 | 12.9 2.28 2.54 | NA NA NA |
| B10-10 B11-1 | 10 1 | Fomer Kerosene | 10/22/02 10/22/02 | 3.03 17.2 | na Na | 0.74 9.71 | 15.5 | NA NA |
| B11-5 B11-10 | 5 10 | Storage Area | 10/22/02 10/22/02 10/22/02 | 2.07 2.88 | NA NA | 0.73 0.65 | 2.67 3.20 | NA |
| B12-1 B12-5 | 1 5 | Fomer Drum Storage Area | 10/22/02 10/22/02 | 26.6 4.00 | NA NA | 8.52 0.84 | 31.3 4.84 4.21 | NA NA NA |
| B12-10 | 10 | | 10/22/02 | 4.26 | NA | 1.00 | | |

FREY Environmental. Inc.

TABLE 2 METALS ANALYSES OF SOIL SAMPLES

LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in milligrams per kilogram)

| SAMPLE NUMBER | DEPTH OF SAMPLE | SAMPLE LOCATION | DATE SAMPLED | TOTAL CHROMIUM | HEXAVALENT CHROMIUM | TOTAL LEAD | NICKEL | pH_ |
|--|--------------------|--|--|-------------------|------------------------|---------------|---------------|------|
| | | | | | | 25.7 | 516 | NA |
| B13-1 | 1 | Fomer Drum | 10/22/02 | 49.9 | NA | 0.90 | 6.03 | NA |
| B13-5 | 5 | Storage Area | 10/22/02 | 5.90 | NA | 0.57 | 5.63 | NA. |
| B13-10 | 10 | <u> </u> | 10/22/02 | 9.81 | NA | 0.37 | | |
| | | | | | | 5.19 | 71.2 | NA |
| B14-1 | 1 | Southeast Corner | 10/22/02 | <i>57</i> 5 | NA | 1.16 | 5.30 | NA |
| B14-5 | 5 | of Site | 10/22/02 | 4.61 | NA | 0.57 | 2.78 | NA |
| B14-10 | 10 | W. W. W | 10/22/02 | 2.81 | NA | 10.0 | | |
| 701-T-10 | | | 10,55502 | | | 152 | 67.4 | NA |
| B15-1 | 1 | Southern Property | 10/22/02 | 381 | NA | 17.3 0.62 | 2.87 | NA |
| B15-5 | 5 | Line | 10/22/02 | 4.4 4 | NA. | | 4.61 | NA |
| B15-10 | 10 | 1-1:11- | 10/22/02 | 3,95 | NA | 1.24 | -, | |
| D12-10 | 10 | | 10/22/02 | 3.37 | 1417 | | 19.1 | NA |
| 216 | | C d D | 10/27/00 | 25.4 | NA | 7.52 | 11.0 | NA |
| B16-1 | 1 | Southern Property | 10/22/02 | 25.4 | NA. | 2.45 | 3.87 | NA |
| B16-5 | 5 | Line | 10/22/02 | 10.2 | | 1.01 | 3.07 | |
| B16-10 | 10 | | 10/22/02 | 3 68 | NA | | 0.03 | NA |
| | | | | | | 3.57 | 8.93 | NA |
| B17-1 | 1 | Southern Property | 10/22/02 | 7.14 | NA | 0.98 | 4.53 | NA. |
| B17-5 | 5 | Line | 10/22/02 | 4.18 | NA | 1.04 | 2.41 | 1412 |
| B17-10 | 10 | | 10/22/02 | 2.51 | NA | | | 8.56 |
| | | | | | | 7 76 | 16.4 | ەد.ە |
| B18-3 | 3 | Background Sample | 10/22/02 | 108 | 0.20 | | | |
| | | Northwestern | | | | | | |
| | | Portion of Site | | | | | | |
| | | | | | | 1.97 | 7.95 | 9.04 |
| B19-3 | 3 | Background Sample | 10/22/02 | 7.85 | 0.17 | 1.71 | | |
| | - | Northeastern | 4 = 1 = 1 = 1 | | | | | |
| | | Portion of Site | | | | | | |
| | | | | | | 2 25 | 8.78 | 8.8 |
| B20-3 | 3 | Background Sample | 10/22/02 | 7.16 | 0.16 | 223 | | |
| 520-5 | , | Souteastern | TOTALINA | 7.10 | | | | |
| | | Portion of Site | | | | | | |
| | | 1 Ordon of othe | | | | | | |
| | | | Y_) | | | 750 | 41,000 | |
| PA PRG (In | dustrial Soils) | | | 450 | 64 | 750 | | |
| 11 1 1 1 1 1 1 1 | | | | ,,,, | | | | |
| ······································ | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Notes | | | | | | th EPA Met | nod No. 418.1 | |
| 1 | | recoverable petroleum h nalyzed for EPA 8260B | ydrocarbons ar | ıalyzed in geneта | 10000 | | | |

FREY Environmental. Inc

Table 2 - Page 2

TABLE 3 CHEMICAL ANALYSES OF SOIL VAPOR SAMPLES

LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in micrograms per liter)

| SAMPLE | SAMPLE DEPTH | SAMPLE | DATE | | | | | | | · · · · · · · · · · · · · · · · · · · |
|-----------|-----------------|----------------------------------|----------|-------------|--------|--------|---------|---------|-----------|---------------------------------------|
| NUMBER | (feet bgs) | LOCATION | SAMPLED | cis-1,2-DCE | TCB | PCE | i,i-DCE | i,i-DCA | I,I,I-TCA | i,i,i,2-PCA |
| B1-10 | 10 | North Side of Former | 10/22/02 | 5.5 | 8.6 | 28 | 80 | 9.0 | 86 | ND<1.0 |
| B1-20 | 20 | Degreasing Pit | 10/22/02 | 7.7 | 9.9 | 25 | 17 | 5.2 | 24 | ND<1.0 |
| SV1-5 | 5 | Former Wuste Storage Area | 10/22/02 | 16 | 38 | 74 | 8.7 | 9.5 | 76 | ND<1.0 |
| SV2-5 | 5 | Former Waste Storage Area | 10/22/02 | 1.3 | 5.3 | 130 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| SV3-5 | 5 | Former Waste Storage Area | 10/22/02 | 7.2 | 22 | 96 | 16 | 5.1 | 54 | ND<1.0 |
| SV4-5 | 5 | Former Waste Storage Area | 10/22/02 | 5.1 | 15 | 47 | 23 | 3.4 | 39 | ND<1.0 |
| 0115 5 | 3 | | | | | | | | | |
| SV5-5 | 5 | Southern Property Line | 10/22/02 | 1.7 | 7.0 | 37 | 12 | ND<1.0 | ND<1.0 | ND<1.0 |
| SV6-5 | 5 | Southern Property Line | 10/22/02 | 5.5 | 13 | 63 | 5.2 | 4.3 | ND<1.0 | 56 |
| SV7-5 | 5 | Southern Property.Line | 10/22/02 | 3.9 | 5.5 | 43 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| SV8-5 | 5 | Southern Property Line | 10/22/02 | ND<1.0 | ND<1.0 | ND<1.0 | 0.1>DN | ND<1.0 | ND<1.0 | ND<1.0 |
| SV9-5 | 5 | Southwestern Corner of Site | 06/11/03 | ND<5.0 | 12 | 43 | 25 | ND<5.0 | 41 | ND<5.0 |
| SV9-5 Dup | 5 | Duplicate sample | 06/11/03 | ND<5.0 | 11 | 40 | 23 | ND<5.0 | 37 | ND<5.0 |
| SV10-5 | 5 | Approx. 40 feet north of SVI/B13 | 06/11/03 | ND<5.0 | 18 | 64 | 59 | 11 | 80 | ND<5.0 |
| SV11-5 | 5 | Approx. 40 feet north of SV3/B11 | 06/11/03 | 11 | 26 | 35 | 49 | 5.2 | 64 | ND<5.0 |
| SV12-5 | 5 | Approx. 40 feet west of SV4/B10 | 06/11/03 | 5.4 | 12 | 48 | 70 | 6.1 | 75 | ND<5.0 |
| SV13-5 | 5 | Approx. 40 feet south of SV6/B16 | 06/11/03 | ND<5.0 | ND<5.0 | 32 | 19 | ND<5.0 | 46 | ND<5.0 |
| SV14-10 | 10 | Adjacent to SV1/B13 | 06/11/03 | 16 | 43 | 69 | 27 | 7.5 | 45 | ND<5.0 |
| SV14-20 | 20 | Adjacent to SVI/B13 | 06/11/03 | 9,6 | 18 | 35 | 24 | 5.4 | 39 | ND<5.0 |
| SV14-30 | 30 | Adjacent to SVI/B13 | 06/11/03 | ND<5.0 | ND<5.0 | 6.8 | 5.4 | ND<5.0 | 7.8 | ND<5.0 |

TABLE 3 CHEMICAL ANALYSES OF SOIL VAPOR SAMPLES

LABARRON INVESTMENTS 2100 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

(results in micrograms per liter)

| | SAMPLE | | | | | | | ** | | |
|-------------|------------|--------------------------------------|----------|-------------|--------|--------|---------|---------|-----------|--------------|
| SAMPLE | DEPTH | SAMPLE | DATE | | | | | | | |
| NUMBER | (feet bgs) | LOCATION | SAMPLED | cis-1,2-DCE | TCE | PCE | I,I-DCE | I,I-DCA | I,I,I-TCA | 1,1,1,2-PCA |
| OTT 10 | | | | | | | | | | |
| SV15-10 | 10 | Adjacent to SV3/B11 | 06/11/03 | ND<5.0 | 11 | 28 | 41 | ND<5.0 | 78 | ND<5.0 |
| SV15-20 | 20 | Adjacent to SV3/B11 | 06/11/03 | ND<5.0 | ND<5.0 | 10 | 14 | ND<5.0 | 45 | ND<5.0 |
| SV15-30 | 30 | Adjacent to SV3/B11 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| SV16-40 | 40 | Adjacent to B1 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| SV:17-10 | 10 | Approx. 40 feet northwest of B1/SV16 | 06/11/03 | 5.7 | 6.0 | 14 | 36 | ND<5.0 | 46 | ND<5.0 |
| SV17-20 | 20 | Approx. 40 feet northwest of BI/SV16 | 06/11/03 | 6.3 | 7.4 | 18 | 42 | ND<5.0 | 65 | ND<5.0 |
| SV17-40 | 40 | Approx. 40 feet northwest of B1/SV16 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| SV18-10 | 10 | Approx. 15 feet west of B4 | 06/11/03 | ND<5.0 | 5.5 | 21 | 40 | ND<5.0 | 35 | ND<5.0 |
| SV18-20 | 20 | Approx. 15 feet west of B4 | 06/11/03 | ND<5.0 | 7.4 | 22 | 59 | 8,3 | 49 | ND<5.0 |
| SV18-40 | 40 | Approx. 15 feet west of B4 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| SV19-10 | 10 | Approx. 30 feet west of B2 | 06/11/03 | 6.2 | 8.0 | 41 | 48 | ND<5.0 | 29 | ND<5.0 |
| SV19-10 Dup | 10 | Approx. 30 feet west of B2 | 06/11/03 | 6.1 | 7.7 | 38 | 46 | ND<5.0 | 28 | ND<5.0 |
| SV19-20 | 20 | Approx. 30 feet west of B2 | 06/11/03 | ND<5.0 | 5.2 | 8.8 | 25 | ND<5.0 | 17 | ND<5.0 |
| SV19-40 | 40 | Approx. 30 feet west of B2 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| SV20-10 | 10 | Approx. 20 feet south of B3 | 06/11/03 | ND<5.0 | 13 | 36 | 66 | 7.2 | 69 | ND<5.0 |
| SV20-20 | 20 | Approx. 20 feet south of B3 | 06/11/03 | ND<5.0 | ND<5.0 | 14 | 21 | ND<5.0 | 48 | ND<5.0 |
| SV20-40 | 40 | Approx. 20 feet south of B3 | 06/11/03 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |

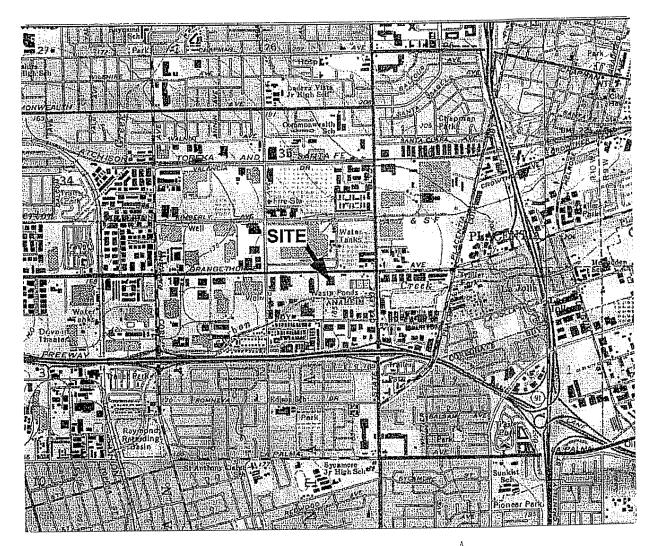
Notes

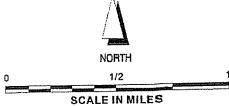
Soil vapor samples were analyzed in general accordance with EPA Method No. 8260B for the full list of compounds.

Only detected compounds have been listed in this table.

ND<5.0 - Chemical constituent not present above the stated detection limit.

FIGURES





FORMER TRENT TUBE FULLERTON 2100 EAST ORANGETHORPE FULLERTON, CALIFORNIA

Client: LABARRON INVESTMENTS

Project No.: 420-01

FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

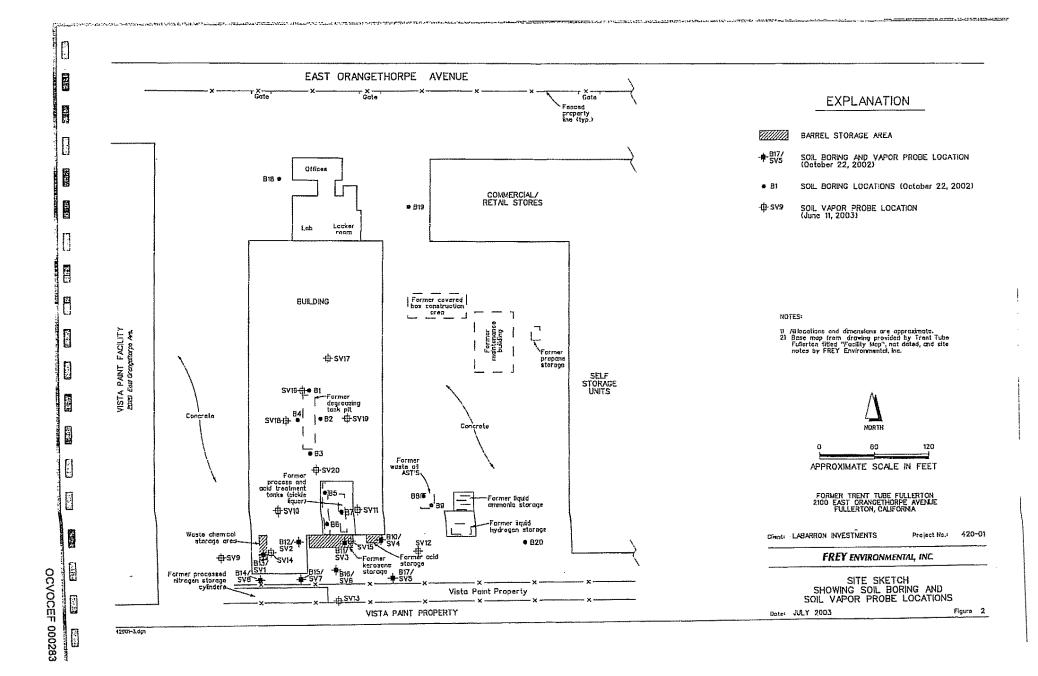
Date: AUGUST 2002

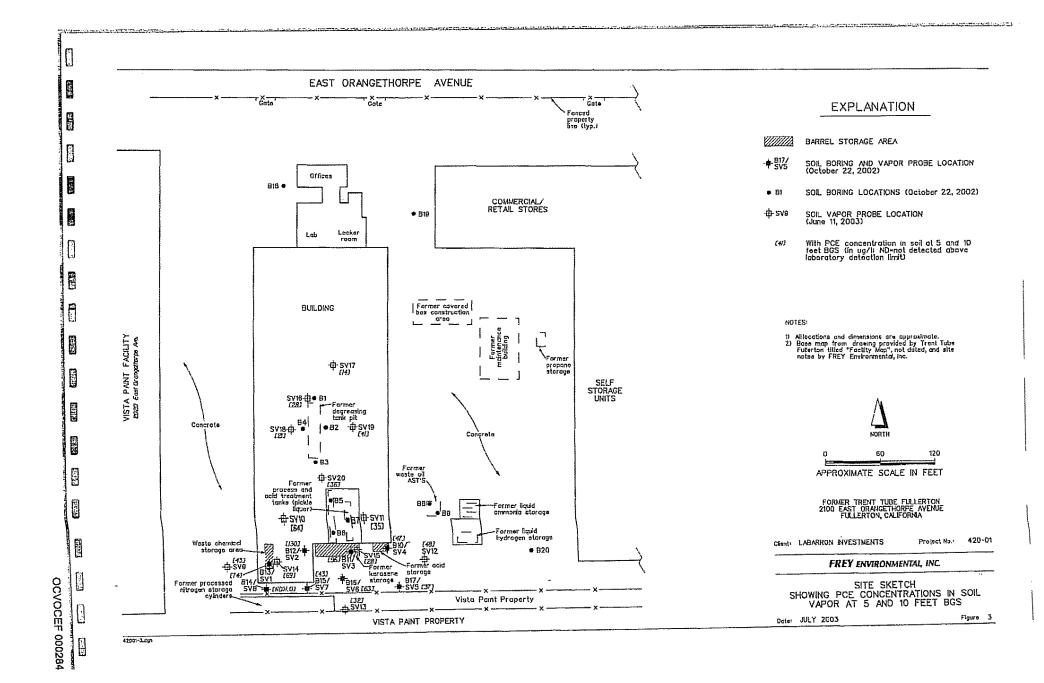
Figure: 1

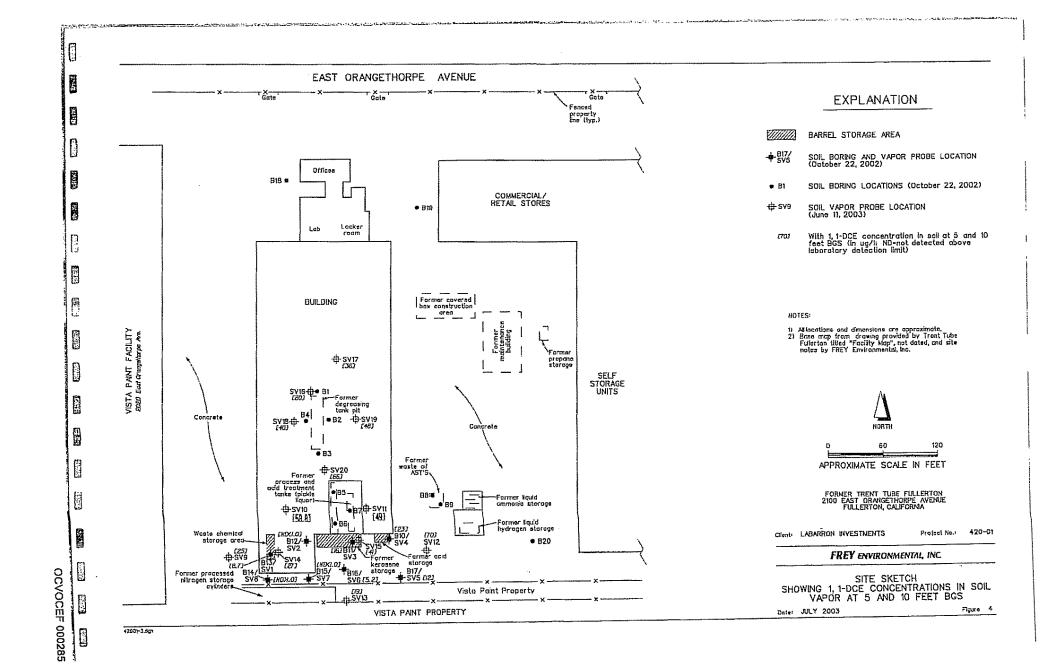
NOTE:

圄

All locations and dimensions are approximate.
 Base map from USGS 7.5 minute California topographic quadrangle, printed from Topo.









APPENDIX A FIELD PROCEDURES

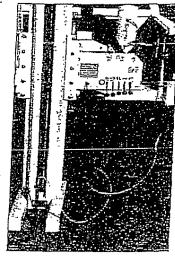


Soil Gas Sampling

The Post-Run Tubing System

The Post-Run Tubing System (PRT) allows the user to collect soil vapor samples quickly and easily at the desired sampling depth WITHOUT the time-consuming complications associated with rod leakage and contamination. O-ring connections enable the PRT system to deliver a vacuum-tight seal that prevents sample contamination from UP hole, and assures that the sample

is taken from the desired depth at the BOTTOM of the hole. The sample is drawn through the point holder, through the adapted, and into the sample tubing. The tubing can be replaced after each sample, thus eliminating sample carryover problems and the need to decontaminate the probe rods. The assulting time-avings translates into a higher productivity rate for you and your client.

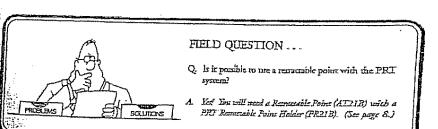


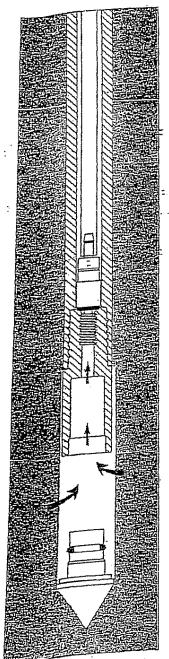
Using the Post-Run Tubing (PRT) system for soil vapur sampling.

Sampling Methods

Same of the more common methods of active soil gas sample collection include:

- Direct sampling from the PRT using a gas
 chromatograph-compatible syringe used when the
 Geoprobe van is equipped with a mobile
 laboratory and gas chromatograph for immediate
 analysis of the collected camples.
- Inline sampling using glass sampling bulbs or Tedlar bags. The sampling device is placed inline, between the PRT adapter and the vacuum/volume system. As the sampling system is purged, soil gas is trapped in the bulb or hag. These samples may be stored for limited periods of time and either analyzed on sire or at an off-sire laboratory.
- Summa cannismers, pre-evacuated steel devices that are connected to the surface end to the
 PRT tubing, also provide another campling option for soil gas. A valve on the canister is
 opened and the vacuum inside the canism pulls in soil gases from the sample interval. This
 system is expensive and is usually reserved for sending camples to an off-site laboratory for
 specialized analyses or quality control purposes.





A crus sections of the PRI System showing how soil gas (arrows) is drawn through the inner mbing system.

APPENDIX B

LABORATORY REPORTS



Baseline On-Site Analysis P. O. Box 2243

Huntington Beach, CA 92647

Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03

Lab Project Number: 03214 Client Project Number: 420-01

Project Name: La Baron Investments Project Address: 2100 E. Orangethorpe Ave

> Fullerton, CA Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03

Dates Analyzed: 6/16/03

Sample Matrix: Vapor

Analyses Requested:

- 1. EPA 8260B Volatile Organic Compounds (VOC's)
- 2. EPA 8260B Fuel Oxygenates

Baseline received samples collected from the project shown above. A Chain-of-Custody Record (COC) is attached.

All of the samples were analyzed for the parameters shown above per the COC. In this report, Baseline presents the results and a QA/QC summary for these analyses.

1

Brian K. Kato, Laboratory Manager

Page 1



Baseline On-Site Analysis P. O. Box 2243

Toll Free: 888 753.7553 FAX: 714.840.1584 Huntington Beach, CA 92647

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments Project Address: 2100 E. Orangethorpe Ave

> Fullerton, CA Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03

Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part I

| EPA Method: | 8260B | 8260B | 8260B | 8260B | 8260B | 8260B |
|-----------------------------|----------|--------------------|--------|--------|----------|-----------------|
| Units: | μg/L | μg/L | μg/L | μg/L | μg/L | μg/L |
| Dilution Factor: | 1 | 1 | 1 | 1 | 1 | 1 |
| Sample ID: | SV9-5 | SV9-5 DUPLICATE | SV10-5 | SV11-5 | 5V12-5 | SV13-5 |
| Compound Name | | | | | | |
| Volatile Aromatics (BTEX) | | | | | | ND<5.0 |
| Benzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Toluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Ethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Total Xylenes | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Fuel Oxygenates | | | | | | |
| Methyl t-Butyl Ether (MTBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 ND<25 |
| t-Butanol (TBA) | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<5.0 |
| Di-Isopropyl Ether (DIPE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Ethyl t-Butyl Ether (ETBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| I-Amyl Methyl Ether (TAME) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND45.0 |
| Non-Halogenated VOC's | | | | | | ND<5.0 |
| n-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| sec-Bulylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| tert-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Isopropylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 . | ND<5.0 |
| p-isopropyltoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Naphthalene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| n-Propylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Styrene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3,5-Trimethylbenzene | ND<5.0 | ND<5,0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<0.0 |
| Halogenated VOC's (HVOC's) | | | | | | |
| Bromobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromoform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Carbon Tetrachloride | . ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 2-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 4-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloroform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 7D<5.0 | ND<5.0 |
| Chloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |



Toll Free: 888 753 7553 FAX: 714 840 1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214 Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volațile Organic Compounds (EPA 8260B) - Part II

| EPA Method: L Units: Dilution Factor: | . 8260B μg/L 1 | 8260B μg/L | 8260B µg/L | 8260B | | |
|--|----------------------|--------------------|---------------|--------|----------|--------|
| | 1 | J~-5/ | 11(1/1_ | µg/L | μg/L | μg/L |
| - | • | 1 | 1 | 1 | 1 | 1 |
| Sample ID: | SV9-5 | SV9-5 DUPLICATE | SV10-5 | SV11-5 | SV12-5 | SV13-5 |
| Compound Name | | | | | | |
| HVOC's, continued | | | | | | |
| Dibromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-Chloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 . | ND<5.0 |
| 1,2-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1.1-Dichloroethane | ND<5.0 | ND<5.0 | 11 | 5.2 | 6.1 | ND<5.0 |
| 1,2-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethene | 25 | 23 | 59 | 49 . | 70 | 19 |
| cis-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | 11 | 5.4 | ND<5.0 |
| trans-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ND<5.0 | ND<5,0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Hexachlorobutadiene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Methylene Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Tetrachloroethene | 43 | 40 | 64 | 35 | 48 | 32 |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | 41 | 37 | 80 | 64 | 75 | 46 |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichloroethene | 12 | 11 | 18 | 26 | 12 | ND<5.0 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Vinyl Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |



Toll Free: 888.753.7553 FAX: 714.840 1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03

Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part I

| EPA Method: 8260B 8260B 8260B 8260B | | | | | | | | |
|-------------------------------------|----------|---------|---------|---------|------------------|---------|--|--|
| Units: | μg/L | μg/L | μg/L | μg/L | μg/L | μg/L_ | | |
| Dilution Factor: | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Sample ID: | SV14-10 | SV14-20 | SV14-30 | SV15-10 | sV15-20 | SV15-30 | | |
| Compound Name | | | | | | | | |
| Volatile Aromatics (BTEX) | | | | | | | | |
| Benzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Toluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Ethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Total Xylenes | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Fuel Oxygenates | | | | | | | | |
| Methyl t-Butyl Ether (MTBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| t-Butanol (TBA) | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | | |
| Di-Isopropyl Ether (DIPE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Ethyl t-Butyl Ether (ETBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| I-Amyl Methyl Ether (TAME) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Non-Halogenated VOC's | | | | | | | | |
| n-Butylbenzeпe | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| sec-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| tert-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 . | ND<5.0 | | |
| Isopropylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| p-isopropyltoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Naphthalene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 | | |
| n-Propylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 | | |
| Styrene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| 1,2,4-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| 1,3,5-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Halogenated VOC's (HVOC's) | | | | | | | | |
| Bromobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Bromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Bromoform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 | | |
| Bromomethane | . ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N1D<5.0 | ND<5.0 | | |
| Carbon Tetrachloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | | |
| 2-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 | | |
| 4-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 | | |
| Chlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N 2 D<5.0 | ND<5.0 | | |
| Chloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | Nr D<5.0 | ND<5.0 | | |
| Chloroform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 | | |
| Chloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 | | |

ND: Not detected at the indicated reporting limit.

7



Baseline On-Site Analysis
P. O. Box 2243

Huntington Beach, CA 92647

Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part II

| Voladile Organic Compositus (E. | | | | | 8260B | 8260B |
|---------------------------------|----------|---------|---------|---------|------------------|------------|
| EPA Method: | 8260B | 8260B | 8260B | 8260B | 82000 | μg/L |
| Units: | μg/L | μg/L | μg/L | μg/L | <u> </u> | 1 |
| Dilution Factor: | 1 | 1 | 1 | 1 | | SV15-30 |
| Sample ID: | SV14-10 | SV14-20 | SV14-30 | SV15-10 | SV15-20 | |
| Compound Name | | | | | | |
| HVOC's, continued | | | | | | ND<5.0 |
| Dibromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-Chloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND <5.0 | ND<5.0 |
| 1,2-Dibromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND < 5.0 | ND<5.0 |
| Dichlorodifluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND 45.0 | ND<5.0 |
| 1,1-Dichloroethane | 7.5 | . 5.4 | ND<5.0 | ND<5.0 | ND-65.0 | ND<5.0 |
| 1,2-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NDE5.0 14 | ND<5.0 |
| 1,1-Dichloroethene | 27 | 24 | 5.4 | 41 | ND<5.0 | ND<5.0 |
| cis-1,2-Dichloroethene | 16 | 9.6 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | . ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND < 5.0 | ND<5.0 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 7D<5.0 | ND<5.0 |
| Hexachlorobutadiene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Methylene Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND25.0 | ND<5.0 |
| Tetrachloroethene | 69 | 35 | 6.8 | 28 | ND<5.0 | ND<5.0 |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Teirachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND 5.0 | ND<5.0 |
| 1,2,3-Trichlorobenzene | ND<5,0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 45 | ND<5.0 |
| 1,1,1-Trichloroethane | 45 | 39 | 7.8 | 78 | ND<5.0 | ND<5.0 |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 7D<5.0 | ND<5.0 |
| Trichloroethene | 43 | 18 | ND<5.0 | 11 | ND = 5.0 | ND<5.0 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Vinyl Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 1100 -1100 |

ND: Not detected at the indicated reporting limit.

*



Toll Free: 888.753.7653 FAX: 714.840.1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part I

| EPA Method: | 8260B | 8260B | 8260B | 8260B | 8260B | 8260B |
|-----------------------------|-----------------------|---------------|---------|---------|---------|------------------|
| Units: | <u> 8200Б</u> µg/L | 02005 μg/L | μg/L | μg/L | μg/L | μg/L |
| Dilution Factor: | <u> </u> | 1 1 1 1 | 1 | 1 | 1 | 1 |
| Sample ID: | SV16-40 | SV17-10 | SV17-20 | SV17-40 | SV18-10 | SV18-20 |
| Compound Name | | | | | | |
| Volatile Aromatics (BTEX) | | | | | | III OF A |
| Benzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 ND<5.0 |
| Toluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Ethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Total Xylenes | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NDC5.0 |
| Fuel Oxygenates | | | | | | ND<5.0 |
| Methyl t-Butyl Ether (MTBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<25 |
| I-Butanol (TBA) | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<23 |
| Di-Isopropyl Ether (DIPE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Ethyl t-Butyl Ether (ETBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| t-Amyl Methyl Ether (TAME) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Non-Halogenated VOC's | | | | | | ND<5.0 |
| n-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| sec-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | 'ND<5.0 | ND<5.0 | ND<5.0 |
| tert-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Isopropylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| p-isopropyltoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Naphthalene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| n-Propylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Styrene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3,5-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND-0.0 |
| Halogenated VOC's (HVOC's) | | | | | | ND<5.0 |
| Bromobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromoform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Carbon Tetrachloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 2-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 4-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloroform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | I MDC2.0 |



Toll Free: 888.753 7553 FAX: 714.840 1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part II

| EPA Method: | 8260B | 8260B | 8260B | 8260B | 8260B | 8260B |
|-----------------------------|---------|---------|---------|----------------|----------------|---------|
| · Units: | μg/L | μg/L | μg/L | μg/L | μg/L | μg/L |
| Dilution Factor: | 1 | 1 | 1 | 1 | 1 | 1 |
| Sample ID: | SV16-40 | 5V17-10 | SV17-20 | SV17-40 | sV18-10 | SV18-20 |
| Compound Name | | | | ally gardening | | |
| HVOC's, continued | | | | | | ND<5.0 |
| Dibromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5,0 | ND<5.0 |
| 1,2-Dibromo-3-Chloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| 1,2-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ND<5.0 | ND<5,0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 8.3 |
| 1,2-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethene | ND<5.0 | 36 | 42 | ND<5.0 | 40 | 59 |
| cis-1,2-Dichloroethene | ND<5.0 | 5.7 | 6.3 | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Hexachlorobutadiene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Methylene Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Tetrachloroethene | ND<5.0 | 14 | 18 | ND<5.0 | 21 | 22 |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 |
| 1.2,3-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | № D<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | NID<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | ND<5.0 | 46 | 65 | ND<5.0 | 35 | 49 |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N1D<5.0 | ND<5.0 |
| Trichloroethene | ND<5.0 | 6.0 | 7.4 | ND<5.0 | 5.5 | 7.4 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | № D<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Vinyl Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | № 0<5.0 | ND<5.0 |



Toll Free: 888,753,7553 FAX: 714,840,1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03

Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part I

| EPA Method: | 8260B | 8260B | 8260B | 8260B | 8260B | 8260B | |
|-----------------------------|---------|---------|----------------------|---------|----------------|----------|--|
| Units: | μg/L | μg/L | μg/L | μg/L | μg/L_ | μg/L | |
| Dilution Factor: | 1 | 1 | 1 | 1 | 1 | 11 | |
| Sample ID: | SV18-40 | SV19-10 | SV19-10 Duplicate | SV19-20 | sV19-40 | SV20-10 | |
| Compound Name | | | | | | | |
| Volatile Aromatics (BTEX) | | | | | | | |
| Benzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Toluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Ethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Total Xylenes | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Fuel Oxygenates | | | | | | | |
| Methyl t-Butyl Ether (MTBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| t-Butanol (TBA) | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | |
| Di-Isopropyl Ether (DIPE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Ethyl t-Butyl Ether (ETBE) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| t-Amyl Methyl Ether (TAME) | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 . | |
| Non-Halogenated VOC's | | | | | | | |
| n-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| sec-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| tert-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Isopropylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| p-isopropyltoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Naphthalene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| n-Propylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Styrene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| 1,2,4-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| 1,3,5-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Halogenated VOC's (HVOC's) | | | | | | | |
| Bromobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Bromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Bromoform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | MD<5.0 | ND<5.0 | |
| Bromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Carbon Tetrachloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| 2-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ZD<5.0 | ND<5.0 | |
| 4-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 7 D<5.0 | ND<5.0 | |
| Chlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ZD<5.0 | ND<5.0 | |
| Chloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Chloroform | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | № D<5.0 | ND<5.0 | |
| Chloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |



Toll Free: 888.753.7553 FAX: 714.840 1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03
Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part II

| TPPA 64-22 1 | 8260B | nacan | 8260B | 8260B | 8260B | 8260B |
|-----------------------------|---------|-------------|-----------|---------|------------------|---------|
| EPA Method: | | 8260B | | | μg/L | μg/L |
| Units: | μg/L_ | <u>μg/L</u> | μg/L | μg/L | 1 | 1 |
| Dilution Factor: | 1 | 11 | SV19-10 | 1 | sV19-40 | SV20-10 |
| Sample ID: | SV18-40 | SV19-10 | Duplicate | SV19-20 | 50 19-40 | |
| Compound Name | | | | | | |
| HVOC's, continued | | | | | | ND<5.0 |
| Dibromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-Chloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 7.2 |
| 1.1-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1.2-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 66 |
| 1,1-Dichloroethene | ND<5.0 | 48 | 46 | 25 | N D<5.0 | ND<5.0 |
| cis-1,2-Dichloroethene | ND<5.0 | 6.2 | 6.1 | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Hexachlorobutadiene | ND<5.0 | ND<5,0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Methylene Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | |
| Tetrachloroethene | ND<5.0 | 41 | 38 | 8.8 | ND<5.0 | 36 |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | ND<5.0 | 29 | 28 | 17 | № D<5.0 | 69 |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichloroethene | ND<5.0 | 8.0 | 7.7 | 5.2 | N D<5.0 | 13 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | № D<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 |
| Vinyl Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | N D<5.0 | ND<5.0 |

ND: Not detected at the indicated reporting limit.

<u>...</u>



Toll Free: 888.753.7553 FAX: 714.840 1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214

Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA

Contact: Evan Privett

Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part I

| EPA Method: | 8260B | 8260B | 8260B | | 8260B |
|-----------------------------|----------------------|---------|--------------------|------|------------------|
| Units: | <u>σ2006</u> μg/L | | μg/L | | μg/L_ |
| Dilution Factor: | μ <u>υ</u> | 1 | 1 | | 11 |
| Sample ID: | SV20-20 | SV20-40 | Equipment Blank | | Method Blank |
| Compound Name | | | | | |
| Volatile Aromatics (BTEX) | | | | | ND<5.0 |
| Benzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Toluene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Ethylbenzene | · ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Total Xylenes | ND<5.0 | ND<5.0 | ND<5.0 | | NDC5.0 |
| Fuel Oxygenates | | | | | ND SE O |
| Methyl I-Bulyl Ether (MTBE) | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 ND<25 |
| t-Butanol (TBA) | ND<25 | ND<25 | ND<25 | | ND<25 ND<5.0 |
| Di-Isopropyl Ether (DIPE) | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Ethyl t-Butyl Ether (ETBE) | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| t-Amyl Methyl Ether (TAME) | ND<5.0 | ND<5.0 | ND<5.0 | | ND<0.0 |
| Non-Halogenated VOC's | | | | | ND<5.0 |
| n-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 ND<5.0 |
| sec-Butylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 ND<5.0 |
| tert-Bulylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 ND<5.0 |
| Isopropylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| p-isopropyltoluene | ND<5,0 | ND<5.0 | ND<5.0 | | |
| Naphthalene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 ND<5.0 |
| n-Propylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | |
| Styrene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| 1,2,4-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| 1,3,5-Trimethylbenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Halogenated VOC's (HVOC's) | | | | | |
| Bromobenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Bromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Bromoform | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Bromomethane | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Carbon Tetrachloride | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| 2-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| 4-Chlorotoluene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Chlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Chloroelhane | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Chloroform | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |
| Chloromethane | ND<5.0 | ND<5.0 | ND<5.0 | | ND<5.0 |



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Report Date: 6/22/03 Lab Project Number: 03214 Client Project Number: 420-01

Project Name: La Baron Investments
Project Address: 2100 E. Orangethorpe Ave

Fullerton, CA Contact: Evan Privett Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Volatile Organic Compounds (EPA 8260B) - Part II

| EPA Melhod: | 8260B | 8260B | 8260B | 8260B |
|-----------------------------|----------|---------|--------------------|------------------|
| Units: | μg/L | μg/L | μg/L | μg/L |
| Dilution Factor: | 1 | 1 | 1 | 1 |
| Sample ID: | • | SV20-40 | Equipment Blank | Method Blank |
| Compound Name | | | | |
| HVOC's, continued | | | | |
| Dibromochloromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-Chloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromomethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethene | 21 | ND<5.0 | ND<5.0 | ND<5.0 |
| cls-1,2-Dichloroethene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | . ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Hexachlorobutadiene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Methylene Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Tetrachloroethene | 14 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | 48 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichloroethene. | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| Vinyl Chloride | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: FREY Environmental, Inc. Client Address: 2817-A Lafayette Avenue

Newport Beach, California 92663

Project Name: La Baron Investments Project Address: 2100 E. Orangelhorpe Ave

Fullerton, CA Contact: Evan Privett

Report Date: 6/22/03

Lab Project Number: 03214 Client Project Number: 420-01

> Dates Sampled: 6/16/03 Dates Received: 6/16/03 Dates Analyzed: 6/16/03 Sample Matrix: Vapor

Quality Control Summary

| QC Parameter: | SAMPLE | DUPLICATE | %RSD | SAMPLE | DUPLICATE | %RSD |
|-----------------------------|----------|-----------|---|---------|-------------|----------------|
| Units: | μg/L | μg/L | % | μg/L | μg/L | % |
| Method: | 8260B | 8260B | 8260B | 8260B | 8260B | 8260B |
| Sample ID: | SV9-5 | SV9-5 DUP | 1111 | SV19-10 | SV19-10 DUP | ## F |
| Compound Name | | | | | | |
| Bromobenzene | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Bromochloromethane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Bromoform | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Bromomethane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Carbon Tetrachloride | ND<5 | ND<5 | *************************************** | ND<5 | ND<5 | w |
| 2-Chlorotoluene | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 4-Chlorotoluene | . ND<5 | ND<5 | for extint | ND<5 | ND<5 | |
| Chlorobenzene | ND<5 | ND<5 | w.m. | ND<5 | ND<5 | |
| Chloroethane | ND<5 | ND<5 | and the state of | ND<5 | ND<5 | |
| Chloraform | ND<5 | ND<5 | *** | ND<5 | ND<5 | |
| Chloromethane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Dibromochloromethane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 1,2-Dibromo-3-Chloropropane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 1,2-Dibromomethane | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 1,2-Dichlorobenzene | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 1,3-Dichlorobenzene | ND<5 | ND<5 | | ND<5 | ND<5 | |
| 1,4-Dichlorobenzene | ND<5 | ND<5 | | ND<5 | ND<5 | |
| Dichlorodifluoromethane | ND<5 | ND<5 | 1, | ND<5 | ND<5 | |
| 1,1-Dichloroethane | ND<5 | ND<5 | | ND<5 | ND<5 | service . |
| 1,2-Dichloroethane | ND<5 | ND<5 | u pang | ND<5 | ND<5 | |
| 1,1-Dichloroethene | 25 | 23 | 8 | 48 | 46 | 4 |
| cis-1,2-Dichloroethene | ND<5.0 | ND<5.0 | | 6.2 | 6.1 | 2 |
| trans-1,2-Dichloroethene | ND<5.0 | ND<5.0 | | ND<5.0 | ND<5.0 | |
| 1,2-Dichloropropane | ND<5.0 | ND<5.0 | | ND<5.0 | NID<5.0 | H-M-4F |
| 1,3-Dichloropropane | ND<5.0 | ND<5.0 | 20-00-00 | ND<5.0 | NID<5.0 | 13 100 100 100 |
| 2,2-Dichloropropane | ND<5.0 | ND<5.0 | | ND<5.0 | NID<5.0 | |
| 1,1-Dichloropropene | ND<5.0 | ND<5.0 | terine. | ND<5.0 | NID<5.0 | 44 1741 |
| Hexachlorobutadiene | ND<5.0 | ND<5.0 | | ND<5.0 | ND<5.0 | |
| Methylene Chloride | . ND<5.0 | ND<5.0 | | ND<5.0 | ND<5,0 | |
| Tetrachloroethene | 43 | 40 | 7 | 41 | 38 | В |
| 1,1,1,2-Tetrachloroethane | ND<5.0 | ND<5.0 | | ND<5.0 | ND<5.0 | |
| 1,1,2,2-Tetrachloroethane | ND<5.0 | ND<5.0 | PART I | ND<5.0 | ND<5.0 | |
| 1,2,3-Trichlorobenzene | ND<5.0 | ND<5.0 | e-w-e | ND<5.0 | ND<5.0 | |
| 1,2,4-Trichlorobenzene | ND<5.0 | ND<5.0 | | ND<5.0 | ND<5.0 | |
| 1,1,1-Trichloroethane | 41 | 37 | 10 | 29 | 28 | |
| 1,1,2-Trichloroethane | ND<5.0 | ND<5.0 | | ND<5.0 | ND<5.0 | , |
| Trichloroethene | 12 | 11 | 9 | 8 | 7.7 | 4 |
| Trichlorofluoromethane | ND<5.0 | ND<5.0 | | ND<5.0 | NID<5.0 | |
| 1,2,3-Trichloropropane | ND<5.0 | ND<5.0 | | ND<5.0 | № D<5.0 | |
| Vinyl Chloride | ND<5.0 | ND<5.0 | | ND<5.0 | N D<5.0 | |

ND: Not detected at the indicated reporting limit.

Page 12

| | | | *************************************** | *************************************** | | | _ | | | | , | • |
|---|---------------------------------------|---|---|---|------------|---------------|-------|--------------------|-------|--------|----------------------|----------------------------|
| FREY Environmental, Inc |) | Project Name | 2100 E. Ora | naethorpe | Áve | | | Ana | lysis | | | CHAIN-OF-CUSTODY RECORD |
| 2817-A Lafayette Avenue | | Project Address | 2100 E. Ora | | | Vapor (V) | | П | ĺ | | S | Page 1 of 2 |
| Newport Beach, Californi | a 92663 | | Fullerton, C | | |), Var | | Oxygenates (8250B) | | | ainer | Laboratory Project #: |
| Phone:949.723.1645; FAX: 949 | 7.723.1854 | Project Number 420-01 | | | Water (W), | (B) | ales | | | S S | 03214 | |
| Contact: Evan Privett | * * * * * * * * * * * * * * * * * * * | Sampler Name: Mike Eder | | | (S), Wa | VOC's (8260B) | xyger | | | er of | | |
| Sample ID | Sample | Location | Date | Time | Lab | Soil (S | XOC. | Fuel C | | | Number of Containers | Comments |
| SV12-5 | | 7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | 16-Jun-03 | 0932 | 1 | V | х | | | | 1 | 1 L Tedlar Bags |
| SV15-10 | | · · · · · · · · · · · · · · · · · · · | 16-Jun-03 | 0953 | 2 | V | x | х | | | 1 | |
| SV15-20 | | | 16-Jun-03 | 1006 | 3 | V | х | Х | | | 1 | |
| SV15-30 | | | 16-Jun-03 | 1030 | 4 | ٧ | Х | Х | | | 1 | |
| SV17-10 | | | 16-Jun-03 | 1109 | 5 | ٧ | Х | Х | | | 1 | |
| SV17-20 | | | 16-Jun-03 | 1122 | 6 | V | х | х | | | 1 | |
| SV17-40 | | | 16-Jun-03 | 1143. | 7 | ν | х | Х | | | 1 | |
| SV18-10 | | | 16-Jun-03 | 1212 | 8 | V | х | х | | | 1 | <u> </u> |
| SV18-20 | | | 16-Jun-03 | 1221 | 9 | V | Х | х | | | 1 | · · |
| SV18-40 | | | 16-Jun-03 | 1238 | 10 | ٧ | Х | х | | | 1 | • |
| SV16-40 | | | 16-Jun-03 | 1250 | 11 | ٧ | X | Х | | | 1 | |
| SV19-10 | | | 16-Jun-03 | 1414 | 12 | V | Х | 1 1 | | | 1 | |
| SV19-10 Duplicate | | | 16-Jun-03 | 1416 | 13 | ٧ | Х | Х | | | 1 | |
| SV19-20 | | | 16-Jun-03 | 1426 | 14 | V | Х | х | | | 1 | |
| SV19-40 | | | 16-Jun-03 | 1438 | 15 | ٧ | х | х | | | 1 | |
| SV20-10 | | | 16-Jun-03 | 1458 | 16 | ٧ | х | Х | | | 1 | |
| SV20-20 | | | 16-Jun-03 | 1511 | 17 | ٧ | х | Х | | | 1 | |
| SV20-40 | | | 16-Jun-03 | 1530 | 18 | ٧ | х | х | | | 1 | |
| SV10-5 | | | 16-Jun-03 | 1602 | 19 | V | х | х | | | 1 | |
| SV11-5 | | | 16-Jun-03 | 1620 | 20 | ν | х | х | | | 1 | |
| SV14-10 | | | 16-Jun-03 | 1644 | 21 | ν | х | х | | | 1 | - |
| SV14-20 | • | | 16-Jun-03 | 1655 | 22 | ٧ | х | х | | | 1 | |
| SV14-30 | | | 16-Jun-03 | 1702 | 23 | ٧ | Х | x | | | 1 | |
| SV9-5 | | | 16-Jun-03 | 1723 | 24 | ٧ | х | х | | | 1 | |
| | | | 16-Jun-03 | 1725 | 25 | V | х | $ \mathbf{x} $ | | | 1 | |
| Turnaround Time: On-Site Mobil | e Laboratory; s | amples were re | elinguished on t | he date(s)/i | imes s | now | n ab | ove. | | | | · |
| Sample Condition: Chilled? | Y/N S | iealed? Y / | N Commo | ents: | | | | | | | | |
| Relinquished by Received b | | | y Brian Kato Spec | | | cia | Ins | truc | tior | າຣ: | | |
| M. 17. | WIEL/H | te/fing show some | | | | | | | | | | |
| signature: X///// & | signalure: X_ | pula | W) | - | | | | | | | 77,00 | |
| of FREY Environmental, Inc. of Baseline Analytical Services | | | | | | | | | | | | |



P. O. Box 2243 Huntington Beach, California 92647 Phone: (888) 753-7553 FAX: (714) 840-1584

| FREY Environmental, Inc. 2817-A Lafayette Avenue | | Project Name 2100 E. Orangethorpe Ave | | | | | | Analysis | | | | CHAIN-OF-CUSTODY RECORD |
|--|---|---|--------------------------|--------------|---|--------------------------------|---------------|-------------------------|--------------|----------|---|--|
| | | Project Address | 2100 E. Orangelhorpe Ave | | | S | | Т | | | | Page 2 of 2 |
| Newport Beach, California 92663 | | Fullerton, CA | | | | | | 8260 | | | ainers | Laboratory Project #: |
| Phone:949.723.1645; FAX: 949.723.1854 | | Project Number 420-01 | | | | | VOC's (8260B) | Fuel Oxygenates (8250B) | | | Cont | 03214 |
| Contact: Evan Privett | | Sampler Namo: Mike Eder | | | | | | худег | ухуден | | Number of Containers | |
| Sample ID | Sample Location | | Dale | Time | Lab ID | Soil (S), Water (W), Vapor (V) | ZOC. | Fuel (| | | NEW | Comments |
| Equipment Blank | | | 16-Jun-03 | 1728 | 26 | ν | x | х | | | 1 | 1 L Tedlar Bags |
| SV13-5 | | | 16-Jun-03 | 1750 | 27 | ٧ | Х | Х | | | 1 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | · | | | | | | | | | |
| | | | | | | | | <u> </u> | | | - | |
| | | | | | | | - | - | | | - | |
| | | *************************************** | | ····· | | | | | | | | |
| · | | | | | | | | ļ | | | | |
| | | | | | | | | | | | | |
| | | • | | | | | | | | | | |
| | *************************************** | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | The state of the s |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | · | | | | | | | | |
| ······································ | | | | | | | | | | | | ····· |
| | | | | | | | | | | | | |
| | | | | | | | | | _ | | | |
| | *************************************** | | | | | | | | _ | | | |
| | ~~~~ | | | | | | | | | | | |
| | | İ | ļ | | | | | | | ļ | | |
| | · | | | | | | | | | | | |
| | ······································ | | | | | | 1 | | \dashv | | | |
| | | | | | | | | | | \dashv | | Mile Police (1997) |
| | a Lahoratory: e | amples ware re | dinguished on t | he date(e)(% | mae r | hour | <u> </u> | nvio. | | | | |
| | | ealed? Y / | | ····· | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 40 | J-7 L-7 | | | | |
| Relinquished by | | | | | | Special Instructions: | | | | | | |
| | | | | | | | | | | | *************************************** | |
| ignature: X/// | signature: x Brun K / Got | | | | | | | | | | | |
| of FREY Environmental, Inc. | | of Baseline Analytical Services | | | | | | | | | | Reference of the second |

BRASELINE

=

-

11111

100

P. O. Box 2243 Huntington Beach, California 92647 Phone: (888) 753-7553 FAX: (714) 840-1584